

Amendments to the Claims

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A sound-insulating material (1), especially for automobiles, manufactured from rubber (12), that is mixed with and PUR plastic (13) ~~characterized in that the rubber (12) and the PUR plastic (13) are mixed with each other,~~ wherein the rubber ~~(12)~~ forms a matrix, in which a plurality of gas-filled ~~elastic~~ hollow bodies (14) are embedded, wherein the rubber (12) is formed from thermoplastic rubber particles.

Claim 2 (currently amended): The sound-insulating material according to Claim 1, ~~characterized in that~~ wherein the rubber (12) and/or the PUR plastic (13) is a recycling material.

Claim 3 (currently amended): The sound-insulating material according to Claim 1 ~~or 2, characterized in that,~~ wherein it is composed of
70 to 99 wt% rubber (12),
1 to 20 wt% PUR plastic (13)
0.5 to 10 wt% gas-filled ~~elastic~~ hollow bodies (14).

Claim 4 (currently amended): The sound-insulating material according to ~~at least one of the preceding claims,~~ characterized ~~in that~~ claim 1, wherein the rubber (12) is an EPDM rubber.

Claim 5 (currently amended): The sound-insulating material according to ~~at least one of the preceding claims,~~ characterized ~~in that~~ claim 1, wherein the gas-filled elastic hollow bodies (14) have a shell of mixed polymer.

Claim 6 (currently amended): The sound-insulating material according to ~~at least one of the preceding claims,~~ characterized ~~in that~~ claim 1, wherein it has a density of less than 1.5 kg/cm^3 kg/dm^3 or g/cm^3 , preferably less than 1.0 kg/cm^3 kg/dm^3 or g/cm^3 .

Claim 7 (currently amended): A method of manufacturing a sound-insulating material (1), especially for automobiles, ~~characterized in that~~ wherein the thermoplastic rubber particles and PUR plastic particles are extruded, while adding a foaming agent to a foam-like mix material, wherein the foaming agent is added in form of foaming agent containing micro-hollow bodies (14), which have a shell of polymer mix and expand during heat treatment.

Claim 8 (currently amended): The method according to Claim 7, ~~characterized in that~~ wherein as thermoplastic rubber particles recycling material is used which is obtained by comminution of material containing EPDM rubber.

Claim 9 (currently amended): The method according to ~~Claims 7 or 8, characterized in that~~ claim 7, wherein as PUR plastic particles recycling material is used that is obtained by comminution of material containing PUR foamed material.

Claim 10 (currently amended): The method according to ~~one of Claims 7 through 9, characterized in that,~~ claim 7, wherein referred to the sound-insulating material (1) to be manufactured, 70 to 99 % wt% thermoplastic rubber particles, 1 to 20 wt% PUR plastic particles, and 0.5 to 10 wt% microhollow bodies containing foaming agent are fed to an extrusion device (2).

Claim 11 (currently amended): The method according to ~~one of Claims 7 through 10~~ characterized in that claim 7, wherein microhollow bodies (14) containing the foaming agent are spherically shaped.

Claim 12 (currently amended): The method according to ~~one of Claims 7 through 11, characterized in that~~ claim 7, wherein the thermoplastic rubber particles, the PUR plastic particles and the microhollow bodies containing the foaming material are fed to the extrusion device in separate charges.

Claim 13 (currently amended): The method according to ~~one of Claims 7 through 12, characterized in that~~ claim 7, wherein the extrusion device (2) has an entry zone (3), a transition and compression zone (5) and an exit zone (6) with a nozzle (7) following thereon and is heated such that during extrusion the following temperatures exist:

40 to 50 °C in the region of the entry zone,

110 to 130 °C in the region of the transition and compression zones,

120 to 150 °C in the region of the exit zone, and

120 to 150 °C in the region of the nozzle.